Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 24 May 2021 until 23:59 on Tuesday 25 May 2021

Forecast Issued on Sunday 23 May 2021 at 11:12

Confidence: High for overall theme, low for location and intensity of thundery showers.

Headline for Monday 24 May 2021: A showery day, heavy at times with a risk of thunder.

Mountain weather hazards on Monday 24 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
00%	00%	10%	30%	50%	40%	30%	10%

Forecast for Monday 24 May 2021

Weather: A fresh start with light winds, some low cloud on the summits initially. Slow moving showers will develop during the morning, turning heavier in the afternoon with a risk of thunder and hail. Showers will slowly ease into the evening but scattered cloud will linger overnight.

Chance of cloud free mountain/hill tops above 600m: 50% increasing to 90% during the morning.

Visibility: Poor on summits at first with cloud base 300-400m. Very good for the remainder of the day, but sharp deteriorations possible in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 24 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 SW	17/25 SW	15/21 SW	10/16 SW	13/19 S	6/10 NW	10/14 NW	11/16 W	12/19 W
300	12/20 SW	13/21 SW	11/17 S	9/15 SW	10/19 S	6/10 W	8/14 NW	8/14 NW	9/15 W
Valley	8/18 SW	9/20 SW	7/16 S	6/14 SW	6/15 SW	5/10 W	7/14 NW	5/11 NW	5/11 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-3	3/-2	5/2	6/2	6/4	6/2	4/0	4/-1
300	6/2	5/1	5/2	8/6	8/5	8/6	8/6	7/4	6/3
Valley	6/4	5/2	6/4	9/8	9/8	9/8	9/7	7/5	6/4
Freezing Level*	1100m	1100m	1000m	1100m	1200m	1200m	1200m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the summits at first in low cloud but quickly improving. Best conditions in the morning again as thundery downpours may develop quickly during the afternoon. These showers may be slow moving giving prolonged periods of rain and waterproof equipment required.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 23 May 2021	0.8mm	32.2mm	44.6mm

Forecast for Tuesday 25 May 2021

Weather: Mainly clear skies overnight, although the odd patch of low cloud on the highest summits. By dawn, a band of low cloud moves in from the west, bringing heavy rain and poor visibilities across the hills, clearing around midday. The afternoon will see some sunny spells with isolated showers, but the wind will also increase again so it will feel cold and blustery.

Maximum wind: West-northwesterly 20mph gusting 35-40 mph.

Chance of cloud free mountain/hill tops above 600m: 60% during the morning, 95% by the afternoon.

Visibility: Moderate to poor in the morning in rain and drizzle, cloud bases lowering to 400m at times. Very good to excellent in the afternoon.

Temperature: **Valleys:** Plus 7 Celsius becoming Plus 11 Celsius
At 600m: Plus 6 Celsius
Freezing level: Above summits.

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